

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Chow et al.
Serial No. NA
Filed: NA
For: NANOSIZE PARTICLE COATINGS
MADE BY THERMALLY SPRAYING
SOLUTION PRECURSOR FEEDSTOCKS

Examiner: NA
Group Art Unit: NA
Sept. 17, 2001

#2/PRE-AMDT
A
CQues
4/19/02

PRELIMINARY AMENDMENT

Honorable Commissioner of Patents
Washington, DC 20231

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Sir:

In filing this divisional patent application, please make the following amendments in the attached specification and the claims:

in the specification:

At page 1, line 5, please insert the following:

~~CROSS REFERENCE TO RELATED APPLICATION~~

AI
Sub B
This application is a Continuation-In-Part of co-pending application Serial No. 09/019,061, filed Feb. 5, 1998, which issued as US Patent 6,025,034, by Strutt et al, which is a continuation of Application No. 08/558,133 filed Nov. 13, 1995, now abandoned.

Please replace the paragraph beginning at page 11, line 13, with the following rewritten paragraph:

Sub C
A2
Fig. 2 illustrates how the gradient can be finely controlled to change from one composition to another by using the solution precursors. The three component layer shown in Fig. 2 also illustrates how the three layers can be built up with good adherence between the layers due to the gradient transition between them. When coating A is alumina, it provides good adherence to the substrate. When coating B is zirconia, it provides thermal resistance